

**Apparatus for measuring electrical characteristics of tissue**

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**Abstract**

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Apparatus and method for measuring electrical characteristics of biological tissues. The apparatus includes an autonomous capsule (10') with an external surface having openings (21,21'), a plurality of electrodes (20,20',20'') located within the openings, and a processor (36) in communication with the plurality of electrodes for generating electrical characteristics such as impedance values or

conductivity values. 

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